

NOVEL HETEROCYCLIC ANALOGS OF DIPHENYLETHYLENE
COMPOUNDS

Abstract of the Disclosure

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Novel diphenylethylene compounds and derivatives thereof containing thiazolidinedione or oxazolidinedione moieties are provided which are effective in lowering blood glucose level, serum insulin, triglyceride and free fatty acid levels in animal models of Type II diabetes. In contrast to previously reported thiazolidinedione compounds, known to lower leptin levels, the present compounds increase leptin levels and have no known liver toxicity. The compounds are disclosed as useful for a variety of treatments including the treatment of inflammation, inflammatory and immunological diseases, insulin resistance, hyperlipidemia, coronary artery disease, cancer and multiple sclerosis.